SEQUENCE LISTING

<110> Efendic, Suad

<120> USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION

<130> X-10822B

<150> US 60/024,980
<151> 1996-08-30

<150> US 08/915,918
<151> 1997-08-21

<160> 6

<170> PatentIn version 3.0

<210> 1
<211> 31
<212> PRT
<213> Homo sapiens

<400> 1

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
20 25 30

<210> 2
<211> 31
<212> PRT
<213> Artificial

<220>
<223> synthetic construct

<220>
<221> VARIANT
<222> (1)..(1)
<223> Xaa at position 1 is L-histidine, D-histidine, desamino-histidine
, 2-amino-histidine, B-hydroxy-histidine, homohistidine, alpha-fl
uoromethyl-histidine, and aplpha-methyl-histidin

<220>
<221> VARIANT
<222> (2)..(2)
<223> Xaa at position 2 is Ala, Gly, Val, Thr, Ile, and alpha-methyl-Al

<220>
<221> VARIANT
<222> (15)..(15)
<223> Xaa at position 15 is Glu, Gln, Ala, Thr, Ser, and Gly

<220>
<221> VARIANT
<222> (21)..(21)
<223> Xaa at position 21 is Glu, Gln, Ala, Thr, Ser, and Gly

<220>
<221> VARIANT
<222> (31)..(31)
<223> Xaa at position 31 is NH2 and Gly-OH

<400> 2

Xaa Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly
1 5 10 15

Gln Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
20 25 30

<210> 3
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<212> PRT
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<220>
<223> synthetic construct

<220>
<221> VARIANT
<222> (28)..(28)
<223> Xaa at position 28 is Lys and Lys-Gly

<400> 3

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Xaa
20 25

<210> 4
<211> 30
<212> PRT

<213> Artificial

<220>
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<220>
<221> VARIANT
<222> (19)..(19)
<223> Xaa at position 19 is Lys or Arg

<220>
<221> VARIANT
<222> (30)..(30)
<223> Xaa at position 30 is Gly-OH or NH2

<400> 4

Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln
1 5 10 15

Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
20 25 30

<210> 5
<211> 30
<212> PRT
<213> Artificial

<220>
<223> synthetic construct

<400> 5

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

<210> 6
<211> 4
<212> PRT
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<220>
<223> synthetic construct

<400> 6

Ser Arg Arg Gln
1